



Substitute for form 1449A/P10		<b>Complete if Known</b>			
		Application Number	10/792,280		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Filing Date	March 4, 2004		
		First Named Inventor	Michael R. BOWMAN <i>et al.</i>		
		Art Unit	1653		
		Examiner Name	Not Yet Assigned		
Sheet	1	Of	4	Attorney Docket Number	031896-029000 (AM101023)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code* (if known)			
		4,935,293	06-19-1990	Bell <i>et al.</i>	
		4,569,789	02-11-1986	Blattler <i>et al.</i>	
		4,751,180	06-14-1988	Cousens <i>et al.</i>	
		4,522,811	06-11-1985	Eppstein <i>et al.</i>	
		4,554,101	11-19-1985	Hopp	
		4,980,281	12-25-1990	Houscy	
		5,266,164	11-30-1993	Houscy	
		5,877,007	03-02-1999	Houscy	
		4,638,045	01-26-1987	Kohn <i>et al.</i>	
		3,866,123	02-02-1999	MacLeod	
		3,459,839	10-17-1995	Modrich <i>et al.</i>	
		5,688,636	11-18-1997	Parker <i>et al.</i>	
		4,671,958	06-09-1987	Rodwell <i>et al.</i>	
		4,625,814	11-25-1986	Senter <i>et al.</i>	
		4,489,710	12-25-1984	Spitler	
		3,919,619	07-06-1999	Tullis	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Kind Code <sup>3</sup> Country Code <sup>4</sup> Number <sup>5</sup> (if known)				
		WO01/93513	12-06-2001	Arndt <i>et al.</i>		
		WO01/68836	09-26-2001	Beach <i>et al.</i>		
		WO01/70949	09-27-2001	Graham <i>et al.</i>		
		WO00/44895	08-03-2000	Kreutzner <i>et al.</i>		
		WO00/44766	08-03-2000	MacLeod		
		WO01/29058	04-26-2001	Mello <i>et al.</i>		
		WO04/073623	09-02-2004	Morris		
		WO03/078378	09-25-2003	Ochoa <i>et al.</i>		
		WO00/63364	10-26-2000	Pachuk <i>et al.</i>		
		WO03/073990	09-12-2003	Rothenberg		
		WO01/75164	10-11-2001	Tuehl		
		WO99/14346	03-25-1999	Woolfe		
		WO01/36646	06-25-2001	Zernicka-Goetz <i>et al.</i>		

Examiner Signature	/Jerry Lin/	Date Considered	11/13/2007
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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		AKIMOTO <i>et al.</i> , <i>J. Exp. Med.</i> , 187:1537-1542, 1998			
		DELAORAVE <i>et al.</i> , <i>Protein Engineering</i> , 6:327-331, 1993			
		ELIAS <i>et al.</i> , <i>J. Clin. Invest.</i> , 104:1001-1006, 1999			
		FINLEY <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 92:9378-9382, 1995			
		GAVETT <i>et al.</i> , <i>Am. J. Respir. Cell Mol. Biol.</i> , 10:587-593, 1994			
		GOSSEN <i>et al.</i> , <i>Science</i> , 268:1766-1769, 1995			
		GRUNIG <i>et al.</i> , <i>Science</i> , 282:2261-2263, 1998			
		HAMMERMANN <i>et al.</i> , <i>Amino Acids</i> , 21:211-219, 2001			
		HOSHIDE <i>et al.</i> , <i>Genomics</i> , 38:174-178, 1996			
		KEEN <i>et al.</i> , <i>Trends Genet.</i> , 7(1):5, 1991			
		KUPERMAN <i>et al.</i> , <i>J. Exp. Med.</i> , 187:939-948, 1998			
		LAM, <i>Anticancer Drug Des.</i> , 12:145, 1997			
		LANGE <i>et al.</i> , <i>N. Engl. J. Med.</i> , 339:1194-1200, 1998			
		MANNINO <i>et al.</i> , <i>Mor. Mortal Wkly. Rep. CDC Surveill. Summ.</i> , 47:1-27, 1998			
		MARATEA <i>et al.</i> , <i>Gene</i> 40:39-46, 1985			
		MIYATA <i>et al.</i> , <i>Clin. Exp. Allergy</i> , 29:114-123, 1999			
		MURPHY <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 83:8258-8262, 1986			
		MYERS <i>et al.</i> , <i>Science</i> , 230:1243, 1985			
		NO <i>et al.</i> , <i>Proc. Natl. Acad. Sci. USA</i> , 93:3346-3351, 1996			
		WANG <i>et al.</i> , <i>Nat. Biotech.</i> , 15:339-343, 1997			
		WILLS-KARP <i>et al.</i> , <i>Science</i> , 282:2258-2261, 1998			
		WILLS-KARP, <i>Annu. Rev. Immunol.</i> , 17:255-281, 1999			
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		<del>BAGGIO <i>et al.</i>, <i>J. Pharmacol. Exp. Ther.</i>, 290:1409-1416, 1999</del>					
		<del>BUGA <i>et al.</i>, <i>Am. J. Physiol.</i>, 271:H1988-1998, 1996</del>					
		<del>BYRNE <i>et al.</i>, <i>Current Protocols in Molecular Biology</i>, John Wiley and Sons, Inc. (New York), 22.2.1-22.2.13, 2000</del>					
		<del>EDNK <i>et al.</i>, <i>Nat. Medicina</i>, 4:1329-1333, 1998</del>					
		<del>GEYER <i>et al.</i>, <i>Anal. Biochem.</i>, 39:412, 1971</del>					
		<del>GREENBERG, "Arginase" in "The Enzymes 4," by BOYER, P., LARDY, H., and MYRBACK, K. (eds), The Academic Press, New York, p 257, 1960</del>					
		<del>HAMMERMANN R <i>et al.</i>, "Cationic proteins inhibit L-Arginine uptake in rat alveolar macrophages and tracheal epithelial cells," <i>American J. Respir. Cell Mol. Biol.</i>, 21:155-162, 1999</del>					
		<del>HEY <i>et al.</i>, <i>Br. J. Pharmacol.</i>, 121:393-400, 1997</del>					
		<del>HILL, A.A., <i>et al.</i>, <i>Genome Biol.</i>, 2(12):1-13, 2001</del>					
		<del>KANYO, <i>et al.</i>, <i>Nature</i>, 383:554-55, 1996</del>					
		<del>LEE <i>et al.</i>, <i>Nature Biotechnol.</i>, 20:500-505, 2002</del>					
		<del>LOCKHART <i>et al.</i>, <i>Nat. Biotechnol.</i>, 14:1850-1856, 1996</del>					
		<del>MEURS H. <i>et al.</i>, <i>Brit. J. Pharmacol.</i>, 126:339-362, 1999</del>					
		<del>PETHE <i>et al.</i>, <i>J. Inorg. Biochem.</i>, 88:397-402, 2002</del>					
		<del>ROSENBAUM and REISSNER, <i>Biophys. Chem.</i>, 265:12753, 1987</del>					
		<del>ROSS, <i>et al.</i>, <i>J. Biol. Chem.</i>, 273:6662-6669, 1998</del>					
		<del>SAHGI <i>et al.</i>, <i>Proc. Natl. Acad. Sci. USA</i>, 86:6230, 1989</del>					
		<del>SCHNORR O. <i>et al.</i>, <i>J. Invest. Dermatol.</i>, 120(6):1016-1022, 2003</del>					
		<del>TENU <i>et al.</i>, <i>Nitric Oxide</i>, 3: 427-438, 1999</del>					
		<del>WILLS-KARP, <i>J. Allergy Clin. Immunol.</i>, 107:9-18, 2001</del>					
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		<del>American Lung Association, Trends In Chronic Bronchitis And Emphysema, Morbidity And Mortality, December 2000</del>			
		<del>CARVAJAL <i>et al.</i>, J. Inorg. Biochem., 77: 163-167, 1999</del>			
		<del>COX <i>et al.</i>, Nat. Struct. Biol., 6: 1043-1047, 1999</del>			
		<del>HIRSCH-KOLB <i>et al.</i>, Anal. Biochem., 35: 60, 1970</del>			
		<del>JONES H. <i>et al.</i>, Brit. J. of Pharmacol., 133:1181-1189, 2001.</del>			
		<del>KLASEN, S., <i>et al.</i>, Brit. J. Pharmacol., 132:1349-1337, 2001</del>			
		<del>MEURS, H., <i>et al.</i>, British J. Pharmacol., 136:391-398, 2002</del>			
		<del>MEURS, H., <i>et al.</i>, Trends Pharmacol. Sci., 24(9):450-455, 2003</del>			
		<del>MORRIS, C.P., <i>et al.</i>, Blood, 102(11):764A, 2003</del>			
		<del>NISHIBE <i>et al.</i>, Anal. Biochem., 43:357, 1971</del>			
		<del>POREMBSKA <i>et al.</i>, Cancer, 94: 2030-2034, 2002</del>			
		<del>SELAMINIA <i>et al.</i>, Biochem. Pharmacol., 55:1241-1245, 1998</del>			
		<del>SHAHANA S. <i>et al.</i>, Mediators of Inflammation, 11:141-148, 2002</del>			
		<del>SONG, E. <i>et al.</i>, Nature Med., 9(3):347-351, 2003</del>			
		<del>SUI <i>et al.</i>, Proc. Natl. Acad. Sci. USA, 99:5515-5520, 2002</del>			
		<del>TORMANEN CD, J. Inorg. Biochem., 93:243-246, 2003</del>			
		<del>URBAN <i>et al.</i>, Immunity, 8(2):255-245, 1998</del>			
		<del>YE <i>et al.</i>, Science, 283:88-91, 1999</del>			
		<del>ZIMMERMANN N, <i>et al.</i>, J. Clin. Investig., 111(12):1863-1874, 2003</del>			
		<del>ZUCKERMANN <i>et al.</i>, J. Med. Chem., 37:2678-85, 1994</del>			
/JL/		International Application No. PCT/US2004/006470, International Search Report dated March 4, 2005			
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